Quantitative Reasoning (Applied Mathematics)

Advanced Placement

Title/Description	Course Number
AP Biology	3020
AP Chemistry	3060
AP Computer Science A	4570
AP Computer Science Principles	4568
AP Environmental Science	3012
AP Macroeconomics	1564

AP Microeconomics	1566
AP Physics 1: Algebra-Based	3080
AP Physics 2: Algebra-Based	3081
AP Physics C	3088

Cambridge International

Title/Description	Course Number
CI A Level Chemistry	8112
CI AS Level Chemistry	8114
CI A Level Computer Science	8116

CI AS Level Computer Science	8118
CI A Level Design and Technology	8120
CI AS Level Design and Technology	8122
CI A Level Economics	8124
CI AS Level Economics	8126
CI A Level Biology	8104
CI AS Level Biology	8106

CTE - Agriculture

Title/Description	Course Number
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Advanced Life Sciences, Animals	5070
Advanced Life Sciences, Foods	5072
Advanced Life Science, Plants and Soils	5074
Agribusiness Management	5002
Landscape Management I	5136
Landscape Management II	5137

CTE - Business, Marketing, Information, and Entrepreneurship

Title/Description	Course Number
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Advanced Accounting	4522
Banking and Investment Capstone	5258
Business Math	4512
Computer Science I	4801
Computer Science II	5236
Computer Science III: Databases	5250
Computer Science III: Software Development, Capstone, IT Cluster, Computer Science Pathway	5249
Computer Science II: Informatics	5251

Global Economics	4558
Personal Financial Responsibility	4540
Computer Science III: Cybersecurity Capstone	5253

CTE - Engineering and Technology

Title/Description	Course Number
Aerospace Engineering	5518
Civil Engineering and Architecture	5650
Computer Integrated Manufacturing	5534
Digital Electronics	5538

Engineering Design and Development	5698
Principles of Engineering	5644

CTE - Family and Consumer Sciences

Title/Description	Course Number
Biochemistry of Food	5344
Consumer Economics	5334
Personal Financial Responsibility	4540

CTE - Trade and Industry

Title/Description	Course Number
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Manufacturing II	5606
Advanced Manufacturing Design II	5652
Aviation Maintenance II	5522
Construction Technology: Electrical II	4832
Construction Technology: HVAC II	5498
Construction Trades II	5578
Diesel Services II	5624
Electronics and Computer Technology II	5694
Industrial Automation and Robotics	5612

Industrial Technical Maintenance II	5688
Mechanical Drafting and Design II	4838
Precision Machining I	5782
Precision Machining II	5784

International Baccalaureate

Title/Description	Course Number
IB Chemistry Higher Level	3070
IB Chemistry Standard Level	3072
IB Computer Science Higher Level	4584

IB Computer Science Standard Level	4586
IB Economics Higher Level	1580
IB Economics Standard Level	1582
IB Geography Higher Level	1584
IB Physics Higher Level	3096
IB Physics Standard Level	3098

Science

Title/Description	Course Number
Chemistry I	3064

Chemistry II	3066
Integrated Chemistry-Physics	3108
Physics I	3084
Physics II	3086

Social Studies

Title/Description	Course Number
Economics	1514